

CLAIMS

What is claimed is:

1. A computer executing a Web server program, comprising:
  - a plurality of virtual hosts accessible using connection requests passed over a computer network, each of the virtual hosts being identified by a corresponding virtual host identifier includable in a connection request;
  - a plurality of executable modules, each of the modules defining a predetermined function;
  - a plurality of configuration sub-files corresponding to the virtual hosts, each of the configuration subfiles defining which of the executable module functions are usable by a corresponding one of the virtual hosts.
2. The computer of claim 1, wherein the configuration sub-files are included in a master configuration file.
3. The computer of claim 1, further comprising a plurality of log files corresponding to the virtual hosts.
4. The computer of claim 1, further comprising means for creating a log entry identifying at least one of the virtual hosts accessed by a connection request.

5. A method of administering a network server, the method comprising the acts of:

providing a server having a configuration file comprising a data structure, the data structure identifying for each of a plurality of types of resources a code module to be used to process resources of that type;

receiving from a remote host a connection request, the connection request requesting that a specified resource be served to the remote host;

processing the connection request to identify the specified resource as being of one of a plurality of resource types;

consulting the data structure to identify a code module; and

executing the code module to process resources of the type of the specified resource.

6. The method of claim 5, further comprising:

providing a new code module to be used to process resources of a particular type when requested by a remote host;

modifying the data structure stored in the configuration file to identify the new code module as a code module to be used to process resources of the particular type, thereby producing a modified data structure; and

compiling the modified data structure and the new code module with existing network server software.

7. The method of claim 5, wherein the connection request is an HTTP protocol request.

8. The method of claim 5, wherein the connection request is an HTTPS protocol request.

9. A system providing HTTP configuration files, the system comprising:

an association between a filename and commands;

a computer network connection;

at least one virtual host; and

a webserver, the webserver having at least one HTTP configuration file, the webserver and the at least one virtual host being in communication with the association, the webserver selecting an HTTP configuration file in response to communication with the association, and sending the selected file over the computer network connection to a user computer.

10. A system providing an HTTPS configuration file, the system comprising:

at least one virtual host;

an association between a virtual host and a client application;

a computer network connection; and

a webserver, the webserver having at least one HTTPS configuration file, the webserver and the at least one virtual host being in communication with the association, the webserver selecting an HTTPS configuration file in response to communication with the association, and sending the selected file over the computer network connection to a user computer.

11. A system providing an configuration file for counting the number of bytes transferred, the system comprising:

at least one virtual host; an association between a virtual host and the number of bytes transferred; a computer network connection; and

a webserver, the webserver having at least one configuration file for the number of bytes transferred, the webserver and the at least one virtual host being in communication with the association, the webserver selecting the number of bytes transferred configuration file in response to communication with the association, the webserver enabling the selected virtual host based on the number of bytes transferred over the computer network connection.

12. A system providing an configuration file for counting the number of bytes transferred, the system comprising:

at least one virtual host; an association between a virtual host and the number of bytes transferred; a computer network connection; and

a webserver, the webserver having at least one configuration file for the number of bytes transferred, the webserver and the at least one virtual host being in communication with the association, the webserver selecting the number of bytes transferred configuration file in response to communication with the association, the webserver disabling the selected virtual host based on the number of bytes transferred over the computer network connection.

13. The method of claim 11, wherein the number of bytes transferred can be displayed.

14. The method of claim 12, wherein the number of bytes transferred can be selected.

15. The method of claim 14, wherein the number of bytes transferred can be selected on a per host basis.

16. The method of claim 14, wherein the number of bytes transferred can be selected on a per virtual host basis.

17. The method of claim 14, wherein the number of bytes transferred can be selected on a per physical machine basis.

18. The method of claim 15, wherein the number of bytes transferred can be selected and displayed on a per host basis.

19. The method of claim 16, wherein the number of bytes transferred can be selected and displayed on a per virtual host basis.

20. The method of claim 17, wherein the number of bytes transferred can be selected and displayed on a per physical machine basis.

21. The method of claim 12, wherein the number of bytes transferred can be selected and on a per host basis base on date and or time.

22. The method of claim 12, wherein the number of bytes transferred can be selected and on a per virtual host basis base on date and or time.

23. The method of claim 12, wherein the number of bytes transferred can be selected and on a per physical machine basis base on date and or time.